New Patent Application, Alireza K. Ziarani, "System and Method of Extraction of Nonstationary Sinusoids", Attorney "Docket No. 29888/39521 Sheet 1 of 17 (Fig. 1)

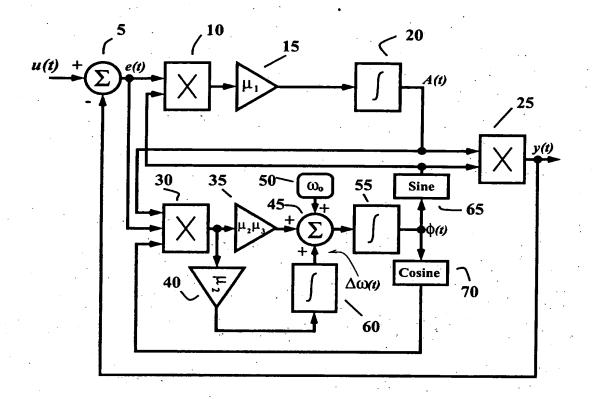


FIG. 1

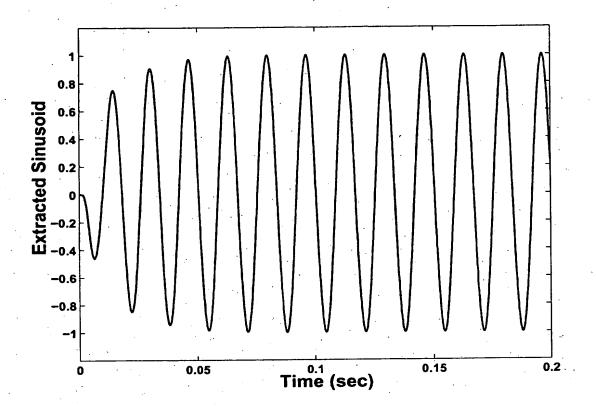


FIG. 2

· New Patent Application, Alireza K. Ziarani, "System and Method of Extraction of Nonstationary Sinusoids", Attorney "Docket No. 29888/39521 Sheet 3 of 17 (Fig. 3)

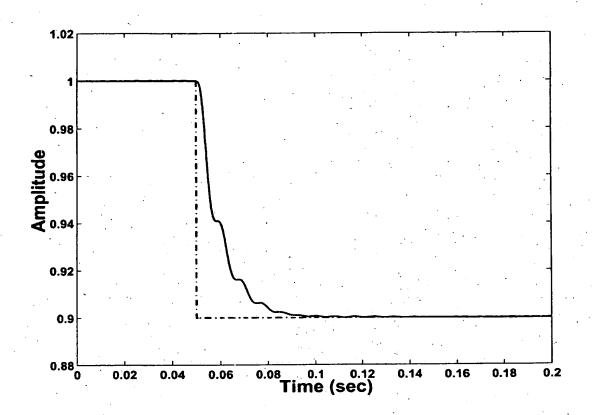


FIG. 3

New Patent Application, Alireza K. Ziarani, "System and Method of Extraction of Nonstationary Sinusoids", Attorney "Docket No. 29888/39521 Sheet 4 of 17 (Fig. 4)

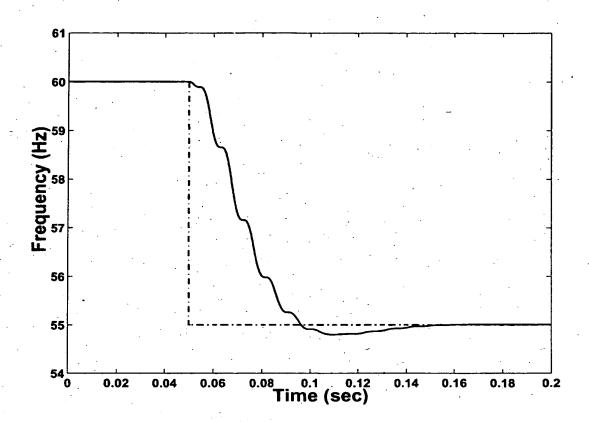


FIG. 4

 New Patent Application, Alireza K. Ziarani, "System and Method of Extraction of Nonstationary Sinusoids", Attorney "Docket No. 29888/39521 Sheet 5 of 17 (Fig. 5)

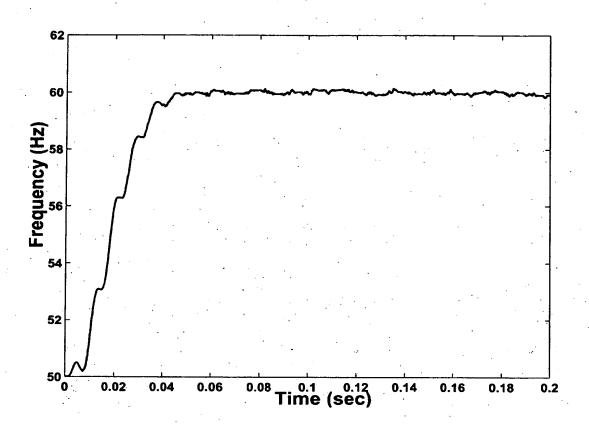


FIG. 5

New Patent Application, Alireza K. Ziarani, "System and Method of Extraction of Nonstationary Sinusoids", Attorney "Docket No. 29888/39521 Sheet 6 of 17 (Fig. 6)

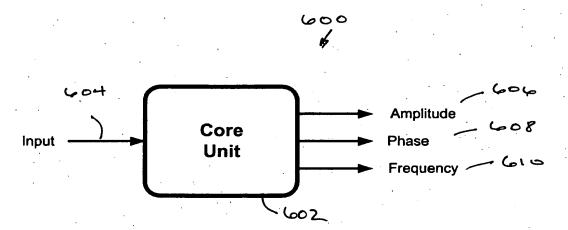


FIG. 6

New Patent Application, Alireza K. Ziarani, "System and Method of Extraction of Nonstationary Sinusoids", Attorney "Docket No. 29888/39521 Sheet 7 of 17 (Fig. 7)

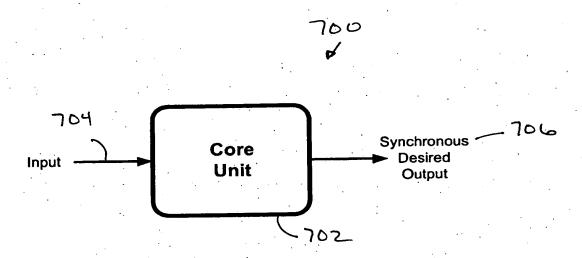


FIG. 7

New Patent Application, Alireza K. Ziarani, "System and Method of Extraction of Nonstationary Sinusoids", Attorney "Docket No. 29888/39521 Sheet 8 of 17 (Fig. 8)

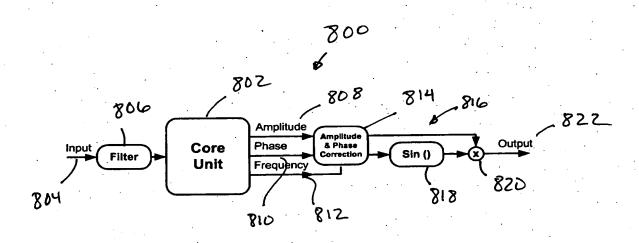
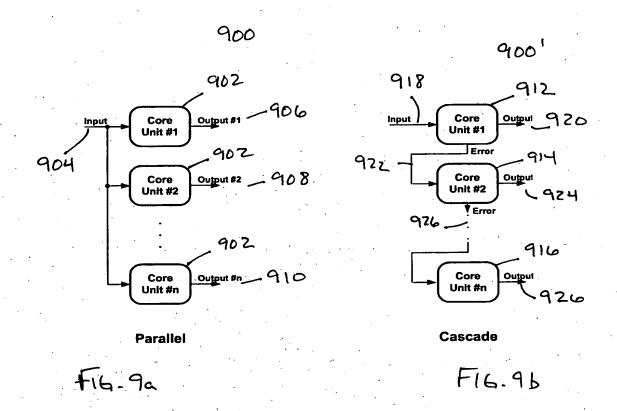


FIG. 8

New Patent Application, Alireza K. Ziarani, "System and Method of Extraction of Nonstationary Sinusoids", Attorney "Docket No. 29888/39521 Sheet 9 of 17 (Figs. 9a and 9b)



New Patent Application, Alireza K. Ziarani, "System and Method of Extraction of Nonstationary Sinusoids", Attorney "Docket No. 29888/39521 Sheet 10 of 17 (Fig. 10)

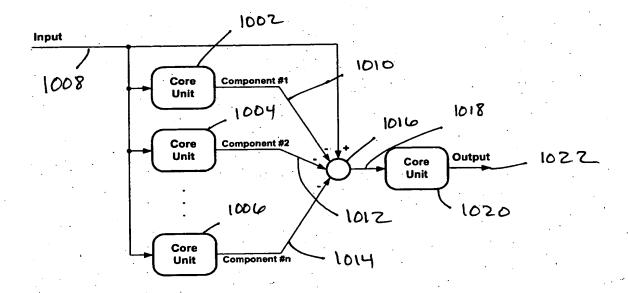
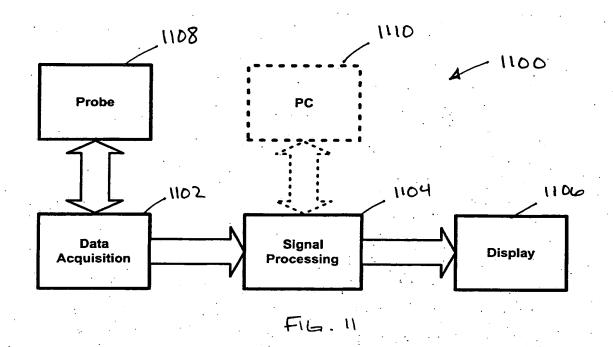


FIG. 10

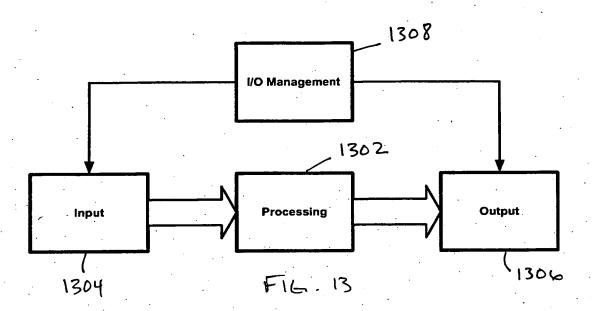
New Patent Application, Alireza K. Ziarani, "System and Method of Extraction of Nonstationary Sinusoids", Attorney "Docket No. 29888/39521 Sheet 11 of 17 (Figs. 11 and 12)

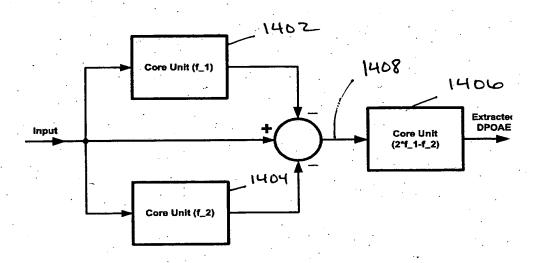


1108 1102 Probe Data Acquisition 1206 1210 Controllable Amplifier 1208 Speaker 1202 **Filter** D/A 1214 1710 Controllable Amplifier Microphone Filter 1204 1212

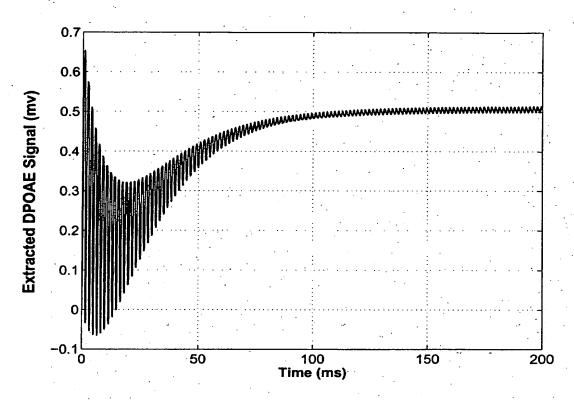
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New Patent Application, Alireza K. Ziarani, "System and Method of Extraction of Nonstationary Sinusoids", Attorney "Docket No. 29888/39521 Sheet 12 of 17 (Figs. 13 and 14)



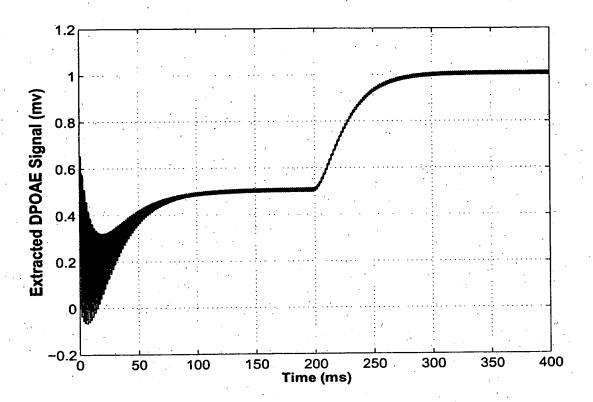


F16, 14.



F16. 15

New Patent Application, Alireza K. Ziarani, "System and Method of Extraction of Nonstationary Sinusoids", Attorney "Docket No. 29888/39521 Sheet 14 of 17 (Fig. 16)



F16.16

